

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		10578607	
	Filing Date		2006-05-08	
	First Named Inventor	Anne FERREOL		
	Art Unit	2611		
	Examiner Name	Lam, Kenneth T.		
Attorney Docket Number		4590-521		

U.S.PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Patent citation information please click the Add button.

U.S.PATENT APPLICATION PUBLICATIONS						
Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Published Application citation information please click the Add button.

FOREIGN PATENT DOCUMENTS								
Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup>	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
	1	FR2774217	FR		2000-04-14	THOMSON CSF		<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10578607
Filing Date	2006-05-08
First Named Inventor	Anne FERREOL
Art Unit	2611
Examiner Name	Lam, Kenneth T.
Attorney Docket Number	4590-521

1	Schmidt, Ralph O., "Multiple Emitter Location and Signal Parameter Estimation", IEEE Transactions on Antennas and Propagation, Vol. AP-34, No. 3, March 1986, pages 276-280.	<input type="checkbox"/>
2	Roberts, Randy S., et al., "Computationally Efficient Algorithms for Cyclic Spectral Analysis", IEEE SP Magazine, April 1991, pages 38-49.	<input type="checkbox"/>
3	Schell, Stephan V., et al., "Detection of the Number of Cyclostationary Signals in Unknown Interference and Noise", Proc. Asilomar Conference on Signal, Systems and Computers, Maple Press, November 5-9, 1990, pages 473-477.	<input type="checkbox"/>
4	Cardoso, Jean-Francois, et al., "Blind Beamforming for Non Gaussian Signals", IEEE Proceedings -F, Vol. 140, No. 6, pages 362-370, December 1993.	<input type="checkbox"/>
5	Comon, Pierre, "Independent Component Analysis, A New Concept", Signal Processing, Elsevier, April 1994, Vol. 36, No. 3, pages 287-314.	<input type="checkbox"/>
6	Mayrargue, Sylvie, "A Blind Spatio-Temporal Equalizer for a Radio-Mobile Channel Using the Constant Modulus Algorithm (CMA)", ICASSP 94, 1994 IEEE International Conference on Acoustics Speech and Signal Processing, 19-22 April 1994, Adelaide, South Australia, pages 317-320.	<input type="checkbox"/>
7	Moulines, E., et al., "Subspace Methods for the Blind Identification of Multichannel FIR Filters", IEEE Transactions on Signal Processing, Vol. 43, No. 2, pages 516-525, February 1995.	<input type="checkbox"/>
8	Vanderveen, M. C., et al., "Joint Angle and Delay Estimation (JADE) for Signals in Multipath Environments", 30th ASIOMAR Conference in Pacific Grove, IEEE Computer Society, Los Alamitos, CA, USA, 3-6, November 1996, pages 1250-1254.	<input type="checkbox"/>
9	Chevalier, Pascal, et al., "Behaviour of Higher Order Blind Source Separation Methods in the Presence of Cyclostationary Correlated Multipaths", IEEE SP Workshop on HOS, Alberta (Canada), July 1997, pages 363-367.	<input type="checkbox"/>
10	Papadia, Constantinos, et al., "Fractionally Space Equalization of Linear Polyphase Channels and Related Blind Techniques Based on Multichannel Linear Prediction", IEEE Transactions on Signal Processing, March 1999, Vol. 47, No. 3, pages 641-654.	<input type="checkbox"/>
11	de Carvalho, Elisabeth, et al., "A Fast Gaussian Maximum-Likelihood Method for Blind Multichannel Estimation", SPAWC 99, Signal Processing Advances in Wireless Communications, 9-12 May 1999, Annapolis, US, pages 279-282.	<input type="checkbox"/>

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10578607
Filing Date	2006-05-08
First Named Inventor	Anne FERREOL
Art Unit	2611
Examiner Name	Lam, Kenneth T.
Attorney Docket Number	4590-521

12	Zeng, Hanks H., et al., "Blind Channel Estimation Using the Second-Order Statistics: Algorithms", IEEE Transactions on Signal Processing, August 1999, Vol. 45, No. 8, pages 1919-1930.	<input type="checkbox"/>
13	Ferreol, Anne, et al., "On the Behavior of Current Second and Higher Order Blind Source Separation Methods for Cyclostationary Sources", IEEE Trans. Sig. Proc., Vol. 48, No. 6, pages 1712-1725, June 2000.	<input type="checkbox"/>
14	Comon, Pierre, "From Source Separation to Blind Equalization, Contrast-Based Approaches", ICISP 01, Int. Conf. on Image and Signal Processing, 3-5 May 2001, Agadir, Morocco, pages 20-32.	<input type="checkbox"/>
15	Perros-Meilhac, Lisa, et al., "Blind Identification of Multipath Channels: A Parametric Subspace Approach", IEEE Transactions on Signal Processing, Vol. 49, No. 7, pages 1468-1480, July 2001.	<input type="checkbox"/>
16	Jang, Inseon, et al., "Why Blind Source Separation for Blind Equalization of Multiple Channels?", SAM 02, Second IEEE Sensor Array and Multichannel Signal Processing Workshop, 4-6 August 2002, Rosslyn, US, pages 269-272.	<input type="checkbox"/>
17	Ferreol, Anne, et al., "Higher Order Blind Separation of Non Zero-Mean Cyclostationary Sources", EUSIPCO 2002, Toulouse, 3-6 September 2002, pages 103-106.	<input type="checkbox"/>
18	Albera, Laurent, et al., "ICAR, Un Algorithme d'ICA a Convergence Rapide, Robuste Au Bruit" (ICAR, A Noise-Robust Rapidly Convergent Algorithm), Grets, Paris, 2003.	<input type="checkbox"/>
19	Ding, Zhi, et al., "A Cumulant Matrix Subspace Algorithm for Blind Single FIR Channel Identification", IEEE Transactions on Signal Processing, Vol. 49, No. 2, pages 325-333, February 2001.	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

**EXAMINER SIGNATURE**

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.